

~~1~~ at least one metallic layer including at least one gasket opening and at least one bead,
and
a deformation limiter including at least one filler and one bonding agent,
wherein a mass proportion of the filler is greater than a proportion of bonding agent,
and
wherein each particle of filler has a small surface area in relation to a volume of the
particle.

~~1~~ C2 21. A method of manufacturing a gasket comprising at least one metallic layer, in
which at least one gasket opening and at least one bead are formed, and in or adjacent to the
bead a coating is applied as a deformation limiter, the method comprising:

applying a mixture containing at least one filler and one bonding agent to a metallic
layer, wherein a mass proportion of filler being greater than a proportion of bonding agent,
wherein a filler in particle form is used, and wherein each particle has a small surface area in
relation to the volume of the particle; and
hardening the applied coating.

~~1~~ C3 Please add new claims 27-49

27. The gasket of claim 1, wherein the particles have a smoothed, rounded surface.

28. The gasket of claim 1, wherein the particles are spherical.

29. The gasket of claim 1, wherein at least 80% of the particles have an average grain size
in the range between 5 and 100 μm .

30. The gasket of claim 1, wherein the particles consist of a metal, an alloy, a resin, a
ceramic and mixtures thereof.

31. The gasket around to claim 30, wherein the particles include a copper and tin alloy.

32. The gasket of claim 1, wherein a mass ratio of filler to bonding agent is at least 2:1.

33. The gasket of claim 32, wherein in the mass ratio of filler to bonding agent is at least 9:1.

34. The gasket of claim 1, wherein the bonding agent is a thermosetting material.

35. The gasket of claim 1, further comprising at least one thermoplastic addition.

36. The gasket of claim 1, wherein the coating is applied in the form of a line of uneven width or height or shape.

37. The gasket of claim 1, wherein the coating is applied to two facing side of a metallic layer.

38. The gasket of claim 1, wherein the coating is applied on a first metallic layer near the bead of a second metallic layer.

39. The gasket of claim 1, wherein the coating is arranged in a bead.

40. The method of claim 21, wherein the hardening step includes inputting energy.

41. The method of claim 21, wherein the applying step includes applying a mixture with a mass ratio of filler to bonding agent is at least 2:1.

42. The method of claim 21, wherein the applying step includes printing the mixture on to the metallic layer.

43. The method of claim 21, wherein the hardening step includes heating.

44. A gasket comprising:
a metallic layer; and
a coating including a particulate filler and a bonding agent wherein the coating includes, by weight, more filler than bonding agent; and